

SUMMARY

- Effective communication and document writing skills, strong analytical ability
- Proven record of product development in regulated commercial industries
- Background in product and de-novo method development, technical writing
- Demonstrated expertise in negotiation and critical analysis

PROFESSIONAL SKILLS

- Familiarity with committee and parliamentary style decision making environments
- Superb time-management skills, ability to self-direct
- Experience with proprietary and sensitive information and profit-oriented work environments
- Ability to identify and troubleshoot issues both instrumental and organizational

Selected Scientific Work Experience

iProgen Biotech, BC, Canada and NSERC IUSRA

September 2015–February 2016

Pharmaceuticals development, validation of research methods, peptide production

- Development of drug delivery methods and pharmaceuticals startups
- Production of technical reports and presentations on medical technology
- Ability to anticipate and adapt to shifting customer demands in biotech

Lallemand Inc., Quebec, Canada and NSERC IUSRA

January–August 2013

R&D – methods for culture and fractionation of yeasts, application to beverages and process aids.

- Industrial method development and scale-up
- Experience in regulated industries (pharmaceuticals and food)
- Development of denovo products and techniques

Science Columnist for web-based magazines

July 2014–Current with OneClass Magazine

May 2012–September 2013 at Biomedicalblog.com

- Literature reviews targeted at laymen and college-educated readers in a variety of science and technology topics
- Search engine optimization, Assist in coordinating social media efforts

Fraser Health Institute, BC, Canada

May–August 2011

Worked analyzing medical data and tabulating results

- Manage patient information databases with a focus on searching for at-risk groups in heart disease.
- Analyze from medical images, primarily x-ray and CAT scans

PROFESSIONAL SKILLS

- **Computer skills:** Proficient in Python and data science libraries; Adept at Haskell and R; Expert with Microsoft Office suite; Proficient with GraphPad, LaTeX
- **Communication:** Demonstrated communicator, public speaker, negotiator, educator, writer
- **Language skills:** English (native); French (writing proficient, speaking competent)
- **Laboratory techniques:** Practical and theoretical experience with life-sciences, their instruments, and techniques from AAS to Ziehl-Neelsen staining
- **Other certification:** ISO/IEC 17025:2005; WHMIS; PADI Open Water Diver

Other Experience

University of Victoria Debate Society, BC, Canada

May 2011 to April 2015

President, VP-Internal Affairs (elected positions)

- Competition at international debate and public speaking tournaments
- Organization and management of events/tournaments from local to national
- Coaching and training others in communication and critical analysis skills

BC Center for Aquatic Health Science , BC, Canada

April-July 2014

Laboratory Technician

- Conducting field-sampling and lab analysis of blood and muscle tissue
- Self-direction of work schedule
- Preparation of documents and deliverables for clients

University Model Parliament, BC, Canada

2015 Session Minister of Science and Innovation

- Parliament leadership simulation; in charge of setting national science policy
- Composition of legislation and policy, negotiation with opposing parties
- Proposition and defense of ideas in a politically charged environment

North Vancouver Outdoor School in Squamish, BC, Canada

October 2007 to July 2010

Worked as a teacher and supervisor for children aged 8-14

- Teaching outdoors/survival skills; focus on foraging and shelter preparation
- Conduct teambuilding/leadership skills training activities

Time magazine's Person of the Year 2006

- For generating web content for websites such as Wikipedia, Reddit, and several blogs and social media sites

EDUCATION

YEAR	INSTITUTION	MAJOR
2010-2016	University of Victoria	Double: Chemistry and Microbiology (Co-op Microbiology/Biochemistry)
G.P.A.:	Cumulative	6.12/9.00